



Machine Id  
**WL0056**

Component  
**Coolant**

Fluid  
**EXTENDED LIFE COOLANT (--- GAL)**

**RECOMMENDATION**

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous vous recommandons de vidanger l'agent de refroidissement de ce composant si vous ne l'avez pas déjà fait. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0118363</b>	GFL0118326	GFL0071882
Sample Date		Client Info		<b>10 May 2024</b>	11 Apr 2024	19 Jul 2023
Machine Age	kms	Client Info		<b>0</b>	19189	17361
Oil Age	kms	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

**CORROSION**

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

Iron	ppm	ASTM D5185(m)	>15	<b>2</b>	2	5
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	0
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	4
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	6
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Zinc	ppm	ASTM D5185(m)	>10	<b>3</b>	1	1

**CONTAMINANTS**

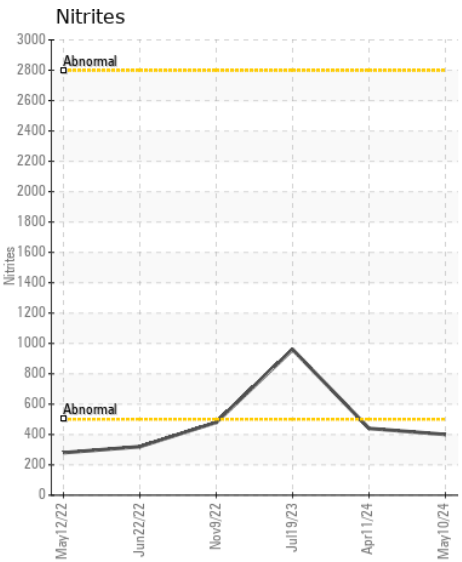
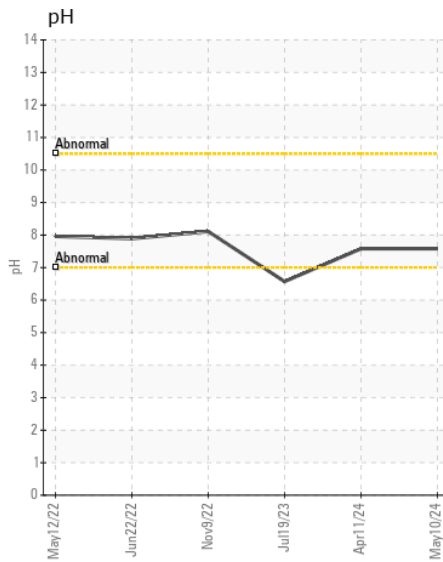
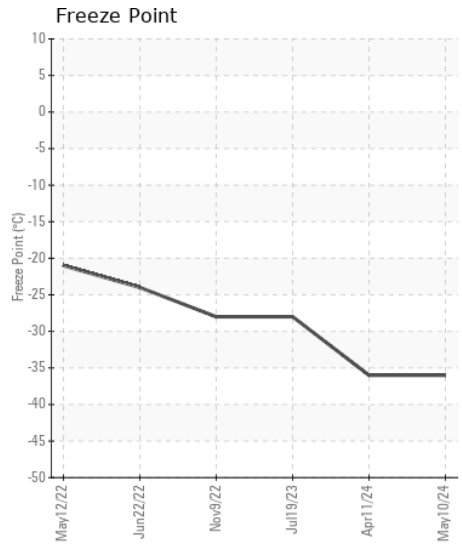
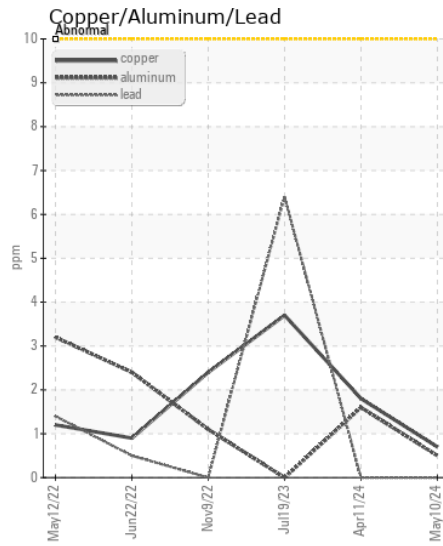
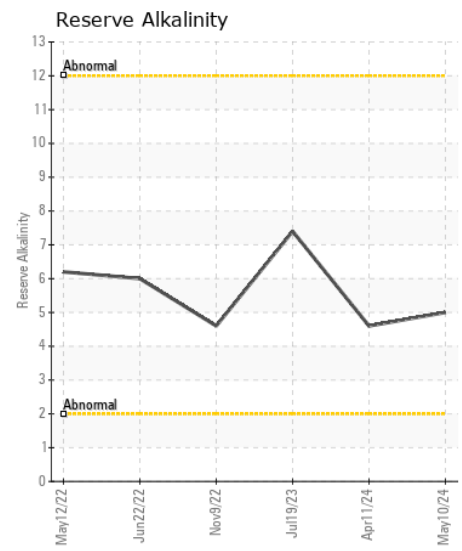
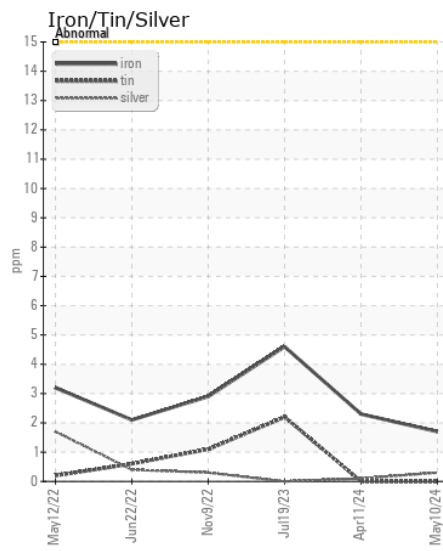
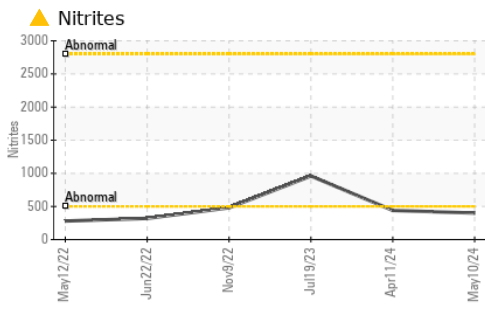
L'échantillon contenait une couche d'un autre fluide dont l'origine et/ou le type est inconnu.

Calcium	ppm	ASTM D5185(m)	>100	<b>11</b>	3	11
Magnesium	ppm	ASTM D5185(m)	>40	<b>3</b>	2	4
Appearance	scalar	Visual*	NORML	<b>▲ OILWG</b>	▲ OILWG	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>▲ Very cld</b>	---	▲ Very cld

**COOLANT CONDITION**

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable. l'agent de refroidissement ne peut plus être utilisée en raison de la présence de contaminants.

Boiling Point	°C	WC Method*		<b>107</b>	107	---
Specific Gravity		ASTM D1298*		<b>1.067</b>	1.067	1.064
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.58</b>	7.58	▲ 6.57
Nitrites	ppm	Alcan Test Kit*		<b>400</b>	440	960
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>5.0</b>	4.6	7.4
Percentage Glycol	%	ASTM D3321*	50	<b>49.6</b>	49.6	47.4
Freezing Point	°C	ASTM D3321*	-40	<b>-36</b>	-36	-28
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>66</b>	64	87
Phosphorus	ppm	ASTM D5185(m)		<b>114</b>	108	117
Boron	ppm	ASTM D5185(m)		<b>351</b>	374	498
Molybdenum	ppm	ASTM D5185(m)		<b>130</b>	106	54
Sodium	ppm	ASTM D5185(m)		<b>4107</b>	3635	2259
Potassium	ppm	ASTM D5185(m)		<b>372</b>	372	376
Coolant Color		Visual*	Orange/R	<b>Orange</b>	---	Orange



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 743 - Montreal Est CD Processing**  
**Sample No.** : GFL0118363 **Received** : 15 May 2024 10930 rue Sherbrooke  
**Lab Number** : 02635890 **Tested** : 16 May 2024 Montreal, QC  
**Unique Number** : 5785052 **Diagnosed** : 17 May 2024 - Kevin Marson CA H1B 1B4  
**Test Package** : COOL ( Additional Tests: GlycolType ) Contact: Patrick Beaulieu

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Validity of results and interpretation are based on the sample and information as supplied.

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